

# TRANSMITTAL FORM

Application No.:	10/017,304
Filing Date:	December 11, 2001
First Named Inventor:	Yao Wang, et al
Confirmation No.:	7237
Group Art Unit	2143
Examiner:	England, David E.
Customer No.	24227
Docket No.	EMC-01/201

Total Number of Pages in this Submission:

## ENCLOSURES (check all that apply)

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|---|--|--|
| <input checked="" type="checkbox"/> Authorization for the Commissioner to charge Deposit Account No. 05-0889 for fees associated with this transaction (in duplicate) | <input type="checkbox"/> Assignment<br><input type="checkbox"/> Recordation Cover Sheet  | <input type="checkbox"/> Petition for Revival of an Unintentionally Abandoned Application [37 CFR 1.137(b)] (in duplicate)                         |
| <input type="checkbox"/> Amendment/Response   | <input type="checkbox"/> Declaration/Power of Attorney<br><input type="checkbox"/> Copy of Notice to File Missing Parts of Nonprovisional Application      | <input type="checkbox"/> Associate Power of Attorney Form PTOL-85B, Part B -Issue Fee Payment Transmittal," (in duplicate)                         |
| <input type="checkbox"/> After Final  | <input type="checkbox"/> Revocation of Power of Attorney   | <input type="checkbox"/> Express Abandonment Request   |
| <input type="checkbox"/> Affidavits/Decl.   | <input type="checkbox"/> Formal Drawings<br><input type="checkbox"/> Letter to Official Draftsperson with three (3) sheets of redlined changes to drawings | <input type="checkbox"/> Fee Transmittal (in duplicate)<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Status Inquiry |
| <input type="checkbox"/> Extension of Time Request for Months   | <input type="checkbox"/> Copy of PTO 948, "Notice of Draftsperson's Patent Review"   | <input checked="" type="checkbox"/> Certificate of First Class Mailing   |
| <input type="checkbox"/> Request for Continued Examination Transmittal  | <input type="checkbox"/> Certified Copy of Priority Document(s)  | <input type="checkbox"/> Certificate of Express Mail Mailing   |
| <input checked="" type="checkbox"/> Information Disclosure Statement  | <input type="checkbox"/> Additional Enclosures:  | <input checked="" type="checkbox"/> Postcard   |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application   |  |  |

## SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Date	<u>May 25, 2007</u>	<u>Robert Kevin Perkins</u> Robert Kevin Perkins, Esq. (Reg. No.36,634) EMC Corporation Office of the General Counsel 176 South Street Hopkinton, MA 01748
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Fax:	(508) 293-7189	

## CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8]

I hereby certify that this correspondence and the above-referenced enclosures are being:

- ☒ Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
- ☐ Transmitted by facsimile on the date shown below to the Patent and Trademark Office at (703)

Date May 26, 2005

Signature Sandra A. Kulaga

Sandra A. Kulaga

Typed or printed name of person signing certificate



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PATENT  
EMC-01-201

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<b>APPLICANT:</b>	Yao Wang, et al	<b>GROUP ART UNIT:</b>	2143
<b>U.S.S.N.:</b>	10/017,304	<b>CONFIRMATION NO.</b>	7237
<b>FILING DATE:</b>	December 11, 2001	<b>EXAMINER:</b>	England, David E.
		<b>CUSTOMER NO.</b>	<b>24227</b>
<b>TITLE:</b>	<b>NETWORK MANAGEMENT FOR REPLICATION OF DATA STORED IN A DATA STORAGE ENVIRONMENT</b>		

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on May 26, 2005.

*Sandra A. Kildaga*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE TRANSMITTAL

Sir:

In keeping with the duty of candor and good faith owed to the Patent and Trademark Office, Applicant wishes to bring information to the attention of the Examiner. The filing of this statement shall not be construed as a representation that a search has been made or as an admission that this information is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

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Applicant: Yao Wang, *et al.*  
U.S.S.N.: 10/017,304  
Filing Date: December 11, 2001  
EMC Docket No.: EMC-01-201

### Enclosures

- ☒ A form PTO.SB.08A-Pg1 and/or PTO.SB.08A-Pg2 (formerly PTO-1449) listing this information is attached.
- ☒ A copy of each document cited is enclosed.
- ☐ Copies of the cited documents are not enclosed because

### Fees

- ☐ This statement is filed before the later of (1) three months of (i) the filing of a national application or (ii) the entry date for the national stage of an international application or (2) the mailing date of a first office action on the merits. No fee is due.
- ☒ This statement is filed before the mailing date of a final office action, a notice of allowance or an action that otherwise closes prosecution, *and*
  - ☒ The submission fee of \$180.00 under 37 C.F.R. §1.17(p) is enclosed, *or*
  - ☐ The following certification is made:
    - ☐ each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement, or
    - ☐ no item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in this statement was known to any individual designated in 37 C.F.R. §2.56(c) more than three months prior to the filing of this statement.
- ☐ This statement is filed on or before payment of the issue fee, the submission fee of \$180.00 under 37 C.F.R. §1.17(p) is enclosed, *and*
  - ☐ each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement, or
  - ☐ no item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in this statement was known to any individual

Applicant: Yao Wang, *et al.*  
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Filing Date: December 11, 2001  
EMC Docket No.: EMC-01-201

designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this statement.

**Payment**

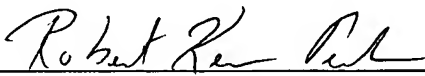
- ☐ A check in the amount of the submission fee is enclosed.
- ☒ Charge Account No. 05-0889 in the amount of the submission fee. A duplicate of this transmittal sheet is attached.

**Authorization to Charge Additional Fees**

- ☒ The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. §1.16 and §1.17 required by the attached paper and during the entire pendency of this application to Account No. 05-0889.

Respectfully submitted,

Date: May 25, 2001

  
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Attorney for Applicant  
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PTO/SB/08A (08-03)

Approved for sue through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

<b>Substitute for Form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/017,304
				Filing Date	December 11, 2001
				First Named Inventor	Yao Wang, et al
				Art Unit	2143
				Examiner Name	England, David E.
Sheet	1	of	1	Attorney Docket Number	EMC-01-201

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <i>(if known)</i>			
	A1	US-6,622,263	09-16-2003	Stiffler, et al	
	A2	US-6,618,704	09-09-2003	Kanevsky, et al	
	A3	US-6,463,454	10-08-2002	Lumelsky, et al	
	A4	US-6,256,628	07-03-2001	Dobson, et al	
	A5	US-6,209,002	03/27/2001	Gagne, et al	
	A6	US-6,101,497	08-08-2000	Ofek, Yuval	
	A7	US-6,092,066	07-18-2000	Okef, Yuval	
	A8	US-6,049,853	04-11-2000	Kingsbury, et al	
	A9	US-5,758,359	05-26-1998	Saxon, Paul Davis	
	A10	US-5,742,792	04-21-1998	Yanai, et al	
	A11	US-5,544,347	08-06-1996	Yanai, et al	
	A12	US-5,206,939	04-27-1993	Vishlitzky, et al	
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FOREIGN PATENT DOCUMENTS						
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		Country Code, Number, Kind Code <i>(if known)</i>				

Examiner Signature		Date Considered	
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.